

Drawings And Plans Required For Septic Systems
Guidelines For Installers
Drawings Must Include The Following Or They Will Be Sent Back

1. Name of installer, phone, and address
2. Date drawing is submitted
3. Lot size, dimensions
4. North arrow
5. Actual and Proposed locations of home, driveways, pools, garages, barns
6. Indicate slope direction with arrows
7. Distance from septic tank and closest trench to well(s). A proposed well must be put on the drawing for all installations with distance measurement! Also show distances to:
 - a. neighboring wells
 - b. property lines
 - c. streams, ditches, tiles, lakes, and ponds
8. Show all soil borings on the drawing. Absorption trenches must be in the area of the soil borings unless otherwise noted.
9. Show differences between solid and perforated piping and length of lines.
10. Pipe information (i.e. ATSM D ****, SCH 40) and stone size
11. Elevation shots, at both ends and the middle of each trench, **OR**
Indicate elevations of contour lines on existing grade and show the system on these contour lines, **OR**
List the depth of each trench (at both ends and middle) from existing grade at the centerline of each trench.
12. If a perimeter drain is required, show location of drain, elevation **OR** depth of trench bottom, and length of drain pipe. Show location of drain outlet and elevation **OR** depth. You must have an animal guard on the end of the pipe if you surface outlet.
13. Note on the drawing if the installer or the homeowner will provide the finishing grade and grass cover when the system is completed. Please note on the drawing the amount of cover required by the health department to cover the system.
14. For Flood Dose Only: Gallons/Minute pumped, distance pumped, and elevation difference from pump tank to field location.

A meeting at the site with the installer and the health specialist must occur before the permit is issued. If an unexpected problem is encountered that may effect the original system design, ALWAYS call the health specialist. Problems can be avoided through solid communication. This saves a headache for everyone during final inspection time.